

Approved for use through 07/31/2006. OMB 0651-0032
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	46026
First Inventor	Charles H. Noble
Title	METHOD AND APPARATUS FOR CENTRIFUGAL CASTING OF METAL
Express Mail Label No.	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
 See 37 CFR 1.27.
- ☒ Specification [Total Pages 34]
 (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
- Oath or Declaration [Total Sheets]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
 (for continuation/divisional with Box 18 completed)
 - ☐ DELETION OF INVENTOR(S)
 Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ Paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
 (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure ☐ Copies of IDS
 Statement (IDS)/PTO-1449 Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 001609 OR ☒ Correspondence address below

Name	Roylance, Abrams, Berdo & Goodman, L.L.P.				
Address	1300 19th Street, N.W.				
	Suite 600				
City	Washington	State	D.C.	Zip Code	20036
Country	USA	Telephone	(202) 659-9076	Fax	(202) 659-9344

Name (Print/Type)	Garrett V. Davis	Registration No. (Attorney/Agent)	32,023
Signature		Date	11-25-03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEE TRANSMITTAL FORM

Attorney Docket No.: **46026**

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of

Inventor(s): **Charles H. Noble**

For: **METHOD AND APPARATUS FOR CENTRIFUGAL CASTING OF METAL**

The filing fee for filing this patent application has been calculated as follows:

		(Col. 1)	(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR:		NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE					\$385.00	OR		\$770.00
TOTAL	10	- 20=	0	x 9 =	\$		x 18 =	\$
INDEP	2	- 3=	0	x 43 =	\$		x 86 =	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS				+ 145 =	\$		+ 290 =	\$
If the difference in Col. 1 is less than zero, enter "0" in Col. 2				TOTAL	\$385.00		TOTAL	\$

- ☒ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ A check in the amount of \$_____ to cover the above calculated filing fee and ☐ \$40.00 to cover the Assignment recording fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 18-2220. A duplicate copy of this sheet is attached.
- ☐ Any additional patent application filing fees under 37 CFR 1.16.
- ☐ Any additional patent application processing fees under 37 CFR 1.17.

Dated: November 25, 2003



Garrett V. Davis
Attorney of Record
Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036
(202) 659-9076